

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/010639

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H02J3/14 G05F1/66

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H02J G05F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|----------|--|-----------------------|
| X | GB 2 361 118 A (RESPONSIVELOAD LTD) 10 October 2001 (2001-10-10) the whole document | 1-9 |
| A | US 4 345 162 A (OLSON THOMAS J ET AL) 17 August 1982 (1982-08-17) abstract | 1-9 |
| A | DE 42 19 609 A (ROESSLE GOTTFRIED DIPLO ING) 23 December 1993 (1993-12-23) abstract | 1-9 |
| A | WO 89/08342 A (STANDARD TELEPHONES CABLES LTD ; ALCATEL NV (NL)) 8 September 1989 (1989-09-08) abstract | 1-9 |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

19 January 2005

Date of mailing of the international search report

31/01/2005

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Information on patent family members

International Application No

PCT/EP2004/010639

| Patent document cited in search report | | Publication date | Patent family member(s) | | Publication date |
|--|---|------------------|-------------------------|------------|------------------|
| GB 2361118 | A | 10-10-2001 | NONE | | |
| US 4345162 | A | 17-08-1982 | AU | 7207281 A | 07-01-1982 |
| | | | EP | 0043279 A2 | 06-01-1982 |
| | | | JP | 57043141 A | 11-03-1982 |
| DE 4219609 | A | 23-12-1993 | DE | 4219609 A1 | 23-12-1993 |
| WO 8908342 | A | 08-09-1989 | AU | 2916589 A | 22-09-1989 |
| | | | WO | 8908342 A1 | 08-09-1989 |
| | | | DK | 201290 A | 22-08-1990 |
| | | | EP | 0402362 A1 | 19-12-1990 |
| | | | JP | 3503833 T | 22-08-1991 |